

OPTIONAL SERVICE BULLETIN

OSB 42NG-034

I TECHNICAL DETAILS

I.1 Category

Optional.

I.2 Airplanes affected

Type: DA 42 NG, DA 42 M-NG
Serial numbers: 42.379, 42.N001 through 42.N056
42.NC001
42.MN001 through 42.MN023
All DA 42 NG converted via OSB 42-068 using WI-OSB 42-068 up to and including Revision 12
All DA 42 M-NG converted via OSB 42-081 using WI-OSB 42-068 up to and including Revision 12

I.3 Date of effectivity

17-Jun-2013

I.4 Time of Compliance

At holder's discretion

I.5 Subject

Installation of improved alternator regulators, Austro Engine P/N E4A-91-200-000.
ATA-Code: 24-30

I.6 Reason

Austro Engine GmbH developed and certified new alternator regulators for the E4 engine. Those regulators provide improved balancing capability. This service bulletin describes the work necessary to retrofit the improved alternator regulators on in field airplanes.

I.7 Concurrent Documents

None.

I.8 Approval

The technical information or instructions contained in this document relate to the Design Change Advisory No. MÄM 42-551/b, which has been approved under the authority of EASA Design Organization Approval ref. EASA.21J.052.

The technical content of this document has been approved under the authority of DOA ref. EASA.21J.052.

I.9 Accomplishments / Instructions

Comply with WI-OSB 42NG-034, latest effective issue.

I.10 Mass (Weight) and CG

The change in mass and CG is negligible.

II PLANNING INFORMATION

II.1 Material and Availability

See WI-OSB 42NG-034, latest effective issue.

Materials including drawings are available from Diamond Aircraft Industries.

II.2 Special Tools

None.

II.3 Labour Effort

Approx. 50 hours.

II.4 Credit

None.

II.5 Reference Documents

DA 42 NG Airplane Maintenance Manual, Doc. No. 7.02.15, latest effective issue.

III REMARKS

1. All work must be done by a certified aircraft service station or a certified aircraft maintenance mechanic.
2. All work, particular those that are not especially described in this Service Bulletin, must be done in accordance with the referenced Maintenance Manual.
3. Completion of all work must be recorded in the log book.
4. In case of doubt contact Diamond Aircraft Industries GmbH.

